

ABSTRACT

The present invention relates to the isolation of gene sequences encoding mammalian cell cycle checkpoints, as well as the expression of the encoded proteins using recombinant DNA technology. The expressed proteins are used to generate specific antibodies and to inhibit the growth of cells. The human checkpoint gene sequences are used as a probe for a portion of the chromosome associated with tumors and other malignancies, as well as growth and/or development deficiencies.

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